UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/650,017	08/27/2003	Gil Avrahami	A & Z 20.613	6471

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EXAMINER
ALAM, SHAHID AL

ART UNIT	PAPER NUMBER
2162	

DATE MAILED: 06/14/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

	Application No.	Applicant(s)
Office Action Summary	10/650,017	AVRAHAMI ET AL.
	Examiner	**Art Unit**	
	Shahid Al Alam	2162	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☐ Responsive to communication(s) filed on _____.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-65* is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-65* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
    Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____ .

5)☐ Notice of Informal Patent Application (PTO-152)

6)☐ Other: _____.

U.S. Patent and Trademark Office

PTOL-326 (Rev. 7-05)   Office Action Summary   Part of Paper No./Mail Date 06102006

DETAILED ACTION

1.   Claims 1 – 65 are pending in this Office action.

Claim Rejections - 35 USC § 112

2.   The following is a quotation of the second paragraph of 35 U.S.C. 112:

> The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 1 – 65 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claims 1 and 33 are rejected under 35 U.S.C. 112, second paragraph, as being incomplete for omitting essential structural cooperative relationships of elements, such omission amounting to a gap between the necessary structural connections. See MPEP § 2172.01.

The claim(s) are narrative in form and replete with indefinite and functional or operational language. The structure which goes to make up the device must be clearly and positively specified. The structure must be organized and correlated in such a manner as to present a complete operative device. **The claim(s) must be in one sentence form only**. Note the format of the claims in the patent(s) cited.

A preamble is generally not accorded any patentable weight where it merely recites the purpose of a process or the intended use of a structure, and where the body of the claim does not depend on the preamble for completeness but, instead, the process steps or structural limitations are able to stand alone. See In re Hirao, 535 F.2d

67, 190 USPQ 15 (CCPA 1976) and Kropa v. Robie, 187 F.2d 150, 152, 88 USPQ 478,

481 (CCPA 1951).

As to claim 1, this claim does not show difference between preamble and body of

the claim. Therefore, it is not clear to the examiner as to which portion of these claims

is preamble and which portion is body of the claim.

As to claim 33, **the claim(s) must be in one sentence form only.** This claim

has more than one sentence.

Claim Rejections - 35 USC § 102

3.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1 – 65 are rejected under 35 U.S.C. 102(b) as being anticipated by U.S.

Patent Number 6,279,033 issued to Inbarajan Selvarajan et al. (hereinafter

"Selvarajan").

With respect to claim 1, Selvarajan teaches a method for exchanging online data

information messages between at least two computer terminal nodes through data

communication networks ((Figure 7, item 20, and corresponding text and column 4,

lines 29 – 34), wherein

said data information message include a definition of online information data

structure (column 10, line 10; the relational database structure in the data warehouse)

and query syntax (Applicant's specification, paragraph 0068 states, database query

syntax of any query language that extracts all of the information records; see Selvarajan

column 9, lines 4 – 10: SQL statement to retrieve results),

and at least one terminal node is enabled to create said data information

message by defining said data query (column 3, lines 30 – 34),

data information navigation techniques and information representation methods

(see abstract), wherein all terminals are enabled browsing and navigating through

online data results (column 3, lines 30 – 34) and their graphical representation (column

9, lines 44 – 45; the report display mode – graph or grid) based on said information

message definition wherein the data is retrieved from at least one common database

(column 7, lines 34 – 36).

As to claim 2, the information navigation techniques include sorting, filtering, On-

Line Analytical Processing (OLAP) operations and data-mining or data-warehousing

techniques wherein logical equations can be used as basis for any of said navigation

techniques (column 5, lines 61 – 64).

As to claim 3, the information representation methods include summarized

representation forms in format of: a graph, a map, or a summary table and detailed

representation form in format of data records table (graph equivalent to display

representation as in Applicant's Figure 1; Selavarajan teaches the report display mode

– grid or graph: column 9, lines 44 – 51 and column 10, lines 49 – 51).

As to claim 4, the creation of data information message is processed by human

editors (column 4, lines 29 – 30).

As to claim 5, the creation of data information message is processed by data management application (Figure 1, Item 208).

As to claim 6, the data information message transmission is preformed via wired electronic data message exchange communication platform (column 4, lines 26 – 30).

As to claim 7, the data message information transmission is preformed via wireless electronic data message exchange communication platform (column 17, lines 10 – 17).

As to claim 8, the computerized terminals are further enabled to perform online analytical or statistical manipulations or calculations of the data information (column 14, lines 26 – 30, 36 – 37 and 62 – 64).

As to claim 9, the users are enabled to create modified information messages by manipulating the original received message said manipulation including any analytical or statistical calculations, applying information navigation techniques, creation of new graphical representation of the data query result and emphasis of parts of the information data (column 14, lines 26 – 30, 36 – 37 and 62 – 64).

As to claim 10, each data information message is recorded with an identifying unique ID, original message ID and are classified within at least one database (column 7, lines 18 – 26).

As to claim 11, each data information message is a defined authentication list including all terminal or user addresses which are allowed to receive said message wherein said list has organized structure representing classified group addresses (column 9, line 64 – column 10, line 10).

As to claim 12, users which are excluded from a specific classified group are denied from browsing old information messages which they received as part of this specific group (column 9, lines 12 – 20).

As to claim 13, each data information message is a defined distribution list including destined terminal or user addresses wherein said list has organized structure representing classified group addresses (column 17, lines 10 – 17).

As to claim 14, each data information message are defined security encoding parameters, which define access rules for all terminal or user addresses (column 13, lines 25 – 32).

As to claim 15, each data information message are defined cost policy rules which determine the costs of retrieving respective information message (column 14, lines 62 – 64), navigating said information message, changing representation method of said information message or forwarding said information message (column 8, lines 32 – 40 and Figure 3).

As to claim 16, data information messages are created in advance according to predefined queries (and manipulations) and are available from at least one communication node, organized according to predefined categories (column 8, lines 40 – 44).

As to claim 17, the users are enabled to search for created/available information messages and request there off (column 17, lines 10 – 34).

As to claim 18, user are enabled to request for specific created/available information messages and receiving there off (column 17, lines 10 – 34).

As to claim 19, the information messages further include text and files,

maintaining the information data structure and graphical representation properties

(column 10, lines 5 – 10).

As to claim 20, the ability to automatically change the representation formats and

navigation techniques of an information message in accordance to browsing capabilities

of the receiving terminal node (column 17, lines 10 – 34).

As to claim 21, the information message further comprises hyperlinks for relevant

information not included within the respective database of the original information

message (operating web browser: column 11, lines 26 – 32).

As to claim 22, the information message further comprises advertisements

wherein the advertisement content is online updated in accordance to the information

message content and the navigation operations applied by the user (column 11, lines 26

– 32).

As to claim 23, the information provider is enabled to set schedule for

retransmission of a specific information messages (column 17, lines 10 – 17).

As to claim 24, the information provider is enabled to set alert definition for

transmission of a specific information messages upon occurrence of specific events

(Figure 1, item 226).

As to claim 25, the information message as browsed by each user appears at the

same presentations formats as were defined by the sender (the last user in the

messaging chain) wherein the same navigation techniques are applied as were defined

by the sender (column 10, lines 39 – 54).

As to claim 26, the method is implemented as part of any information system, any communication platform or any software application (column 10, lines 19 – 27).

As to claim 27, the computerized terminals are portable or stationary computerized devices (column 17, lines 10 – 17).

As to claim 28, the computerized terminals are wireless computerized devices (column 17, lines 10 – 17).

As to claim 29, a data information message is a combination of existing data information messages (column 14, lines 18 – 31).

As to claim 30, a data information message further contains comments of each user for each of one of the records, which are included in the message query result (column 14, lines 18 – 31).

As to claim 31, the authentication checkup is preformed each time the information message is browsed preventing users which their authentication has expired to browse information message which were defined at the period they where authorized (column 16, line 67 – column 17, line 6).

As to claim 32, the information messages are transmitted in an offline mode maintaining the information data structure and graphical representation properties (column 17, lines 35 – 49).

Claims 33 – 65 are essentially the same as claims 1 – 32 except that it set forth the claimed invention as a system rather than a method and rejected for the same reasons as applied hereinabove.

Contact Information

4.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Shahid Al Alam whose telephone number is (571) 272-

4030. The examiner can normally be reached on Monday-Thursday 8:00 A.M.- 4:00

P.M..

        If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, John E. Breene can be reached on (571) 272-4107. The fax phone number

for the organization where this application or proceeding is assigned is 571-273-8300.

        Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a

USPTO Customer Service Representative or access to the automated information

system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Shahid Al Alam
Primary Examiner
Art Unit 2162

10 June 2006